

## ABSTRACT

A method for a grid application start protocol includes, in a network, responding to a request for a computational resource available for computing a task by sending a list of available computational resources, receiving a selection of a computational resource for reservation. The method includes, if the selection of the computational resource is available  
5 for computing the task, reserving the selection and sending a reservation number for the selection, and sending the request to a different portion of the network if computational resources are unavailable for computing the task.

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